

OHIO PUBLIC WORKS COMMISSION

65 East State Street, Suite 312
Columbus, Ohio 43215
(614) 466-0880

CB601

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 6/90

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

APPLICANT NAME Hamilton County Engineer
STREET 138 E. Court Street, Room 700
County Administration Building
CITY/ZIP Cincinnati, Ohio 45202

PROJECT NAME Loveland-Madeira Road Rehabilitation
PROJECT TYPE Rehabilitation
TOTAL COST \$324,290.00

DISTRICT NUMBER 2
COUNTY HAMILTON

PROJECT LOCATION ZIP CODE 45243

DISTRICT FUNDING RECOMMENDATION

To be completed by the District Committee ONLY

RECOMMENDED AMOUNT OF FUNDING: \$ 291,861.00

FUNDING SOURCE (Check Only One):

State Issue 2 District Allocation

<input checked="" type="checkbox"/> Grant	<input type="checkbox"/> State Issue 2 Small Government Fund
<input type="checkbox"/> Loan	<input type="checkbox"/> State Issue 2 Emergency Funds
<input type="checkbox"/> Loan Assistance	<input type="checkbox"/> Local Transportation Improvement Fund

FOR OPWC USE ONLY

OPWC PROJECT NUMBER: _____ OPWC FUNDING AMOUNT: \$ _____

1.0 APPLICANT INFORMATION

1.1 CHIEF EXECUTIVE OFFICER

TITLE
STREET

CITY/ZIP
PHONE
FAX

William W. Brayshaw
Hamilton County Engineer
138 E. Court Street, Room 700
County Administration Building
Cincinnati, Ohio 45202
(513) 632-8523
(513) 723-9748

1.2 CHIEF FINANCIAL OFFICER

TITLE
STREET

CITY/ZIP
PHONE
FAX

Dusty Rhodes
Hamilton County Auditor
138 E. Court Street, Room 304
County Administration Building
Cincinnati, Ohio 45202
(513) 632-8212

1.3 PROJECT MGR

TITLE
STREET

CITY/ZIP
PHONE
FAX

Steve Mary
Deputy County Engineer
138 E. Court Street, Room 700
County Administration Building
Cincinnati, Ohio 45202
(513) 632-8527
(513) 723-9748

1.4 PROJECT CONTACT

TITLE
STREET

PHONE
FAX

Joseph D. Cottrill
Design Technician II
138 E. Court Street, Room 700
County Administration Building
(513) 632-8540
(513) 723-8540

1.5 DISTRICT LIAISON

TITLE
STREET

CITY/ZIP
PHONE
FAX

Joseph D. Cottrill
District 2 Liaison Officer
138 E. Court Street, Room 700
County Administration Building
Cincinnati, Ohio 45202
(513) 632-8540
(513) 723-9748

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional in nature, information must be consolidated for completion of this section.

2.1 PROJECT NAME: Loveland-Madeira Road Rehabilitation

2.2 BRIEF PROJECT DESCRIPTION - (Sections A through D):

A. SPECIFIC LOCATION: The project is located in eastern Hamilton County. The project limits are from Hopewell Road to the north corporation line of the City of Indian Hill Village. See the location map for more detail.

B. PROJECT COMPONENTS: Project components are as follows:

- 1) Plane 2" existing asphalt surface
- 2) Full and partial depth base repair as necessary
- 3) Install bituminous aggregate base as necessary
- 4) Install new asphalt concrete surface
- 5) Adjust all drainage facilities as necessary
- 6) Install curb as necessary
- 7) Driveway adjustments and relocate mailboxes as necessary

C. PHYSICAL DIMENSIONS/CHARACTERISTICS:

This portion of Loveland-Madeira Road is 13,576 LF or 2.57 miles. The base has failed in various locations, causing a rough riding surface. Poor drainage due to loss of crown contributes to icing in the winter months. The curb is in need of replacement also.

D. DESIGN SERVICE CAPACITY:

IMPORTANT: Detail shall be included regarding current service capacity vs. proposed service level. If road or bridge project, include ADT. If water or wastewater project, include current residential rates based on monthly usage of 7756 gallons per household.

The ADT is 14,000 +/- . There is no widening planned, therefore the service capacity will not change.

2.3 REQUIRED SUPPORTING DOCUMENTATION

(Photographs/Additional Description; Capital Improvements Report; 5 year plan; 2 year Maintenance of Effort Report, etc.) Also discuss the number of temporary and/or fulltime jobs which are likely to be created as a result of this project. Attach Pages. Refer to accompanying instructions for further detail.

3.0 PROJECT FINANCIAL INFORMATION

3.1 PROJECT ESTIMATED COSTS (Round to Nearest Dollar):

a)	Project Engineering Costs:	
	1. Preliminary Engineering	\$ N/A
	2. Final Design	\$ N/A
	3. Construction Supervision	\$ N/A
b)	Acquisition Expenses	
	1. Land	\$ N/A
	2. Right-of-Way	\$ N/A
c)	Construction Costs	\$291,861.00
d)	Equipment Costs	\$ N/A
e)	Other Direct Expenses	\$ N/A
f)	Contingencies	\$32,429.00
g)	TOTAL ESTIMATED COSTS	\$324,290.00

3.2 PROJECT FINANCIAL RESOURCES (Round to nearest Dollar & %)

	Dollars	%
a)	Local In-Kind Contributions*	\$ N/A
b)	Local Public Revenues	\$32,429.00 10
c)	Local Private Revenues	\$ N/A
d)	Other Public Revenues	
	1. ODOT	\$ N/A
	2. FMHA	\$ N/A
	3. OEPA	\$ N/A
	4. OWDA	\$ N/A
	5. CDBG	\$ N/A
	6. Other	\$ N/A
e)	OPWC Funds	
	1. Grant	\$291,861.00 90
	2. Loan	\$ 0.00
	3. Loan Assistance	\$ 0.00
f)	TOTAL FINANCIAL RESOURCES	\$324,290.00 100

*If the required local match is to be 100% In-Kind Contributions, list source of funds to be used for retainage purposes.

3.3 AVAILABILITY OF LOCAL FUNDS

Indicate the status of all local share funding sources listed in section 3.2(a) through 3.4(c). In addition, if funds are coming from sources listed in section 3.2(d), the following information must be attached to this application:

- 1) The date the funds are available;
- 2) Verification of funds in the form of an agency approval letter or agency project number. Please include the name and number of the agency contact person.

3.4 PREPAID ITEMS

Definitions:

Cost - Total cost of the Prepaid Item.
Cost Item - Non-construction costs, including preliminary engineering, final design, acquisition expenses (land or R/W)
Prepaid - Cost items (non-construction costs directly related to the project paid prior to receipt of fully executed Project Agreement from OPWC.
Resource Category Source of funds (see section 3.2)
Verification - Invoice(s) and copies of warrant(s) used to for prepaid costs accompanied by Project Manager's Certification (see section 1.4).

IMPORTANT: Verification of all prepaid items shall be attached to this project application.

	<u>COST ITEM</u>	<u>RESOURCE CATEGORY</u>	<u>COST</u>
1)	_____	_____	_____
2)	_____	_____	_____
	TOTAL OF PREPAID ITEMS =		\$ N/A

3.5 REPAIR/REPLACEMENT or NEW/EXPANSION

This sections need only be completed if the Project is funded by SI2 funds.

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	\$324,290.00	100%
State Issue 2 Funds for Repair/Replacement (Not to exceed 90%)	\$291,861.00	90%

TOTAL PORTION FOR PROJECT NEW/EXPANSION	\$ 0.00	0%
State Issue 2 Funds for New/Expansion (Not to exceed 50%)	\$ 0.00	0%

4.0 PROJECT SCHEDULE

	ESTIMATED START DATE	ESTIMATED COMPLETE DATE
4.1 ENGR. DESIGN	<u>01/03/92</u>	<u>COMPLETED</u>
4.4 BID PROCESS	<u>04/30/93</u>	<u>05/31/93</u>
4.3 CONSTRUCTION	<u>06/30/93</u>	<u>10/30/93</u>

5.0 APPLICANT CERTIFICATION

The Applicant Certifies That:

As the official representative of the Applicant, the undersigned certifies that: (1) he/she is legally empowered to represent the applicant in both requesting and accepting financial assistance as provided under Chapter 164 of the Ohio Revised Code and 164-1 of the Ohio Administrative Code; (2) that to the best of his/her knowledge and belief, all representations that are a part of this application are true and correct; (3) that all official documents and commitments of the applicant that are a part of this application have been duly authorized by the governing body of the Applicant; (4) and, should the requested financial assistance be provided, that in the execution of this project, the Applicant will comply with all assurances required by Ohio law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT: Applicant certifies that physical construction on the project as defined in this application has not begun, and will not begin, until a Project Agreement on this project has been issued by the Ohio Public Works Commission. Action to the contrary is evidence that OPWC funds are not necessary to complete this project.

IMPORTANT: Unneeded OPWC funds will be returned to the funding source from which the project was financed.

William W. Brayshaw, P.E., P.S. Hamilton County Engineer
Certifying Representative (Type Name and Title)

William W. Brayshaw 11-5-92
Signature/Date Signed

Applicant shall check each of the statements below, confirming that all required information is included in this application.

- ☒ A five-year Capital Improvements Report as required in 164-1-31 of the Ohio Administrative Code and a two-year Maintenance of Local Effort Report as required in 164-1-12 of the Ohio Administrative Code.
- ☒ A registered professional engineer's estimate of useful life as required in 164-1-13 of the Ohio Administrative Code. Estimate shall contain engineer's original seal and signature.
- ☒ A registered professional engineer's estimate of cost as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimate shall contain engineer's original seal and signature.
- ☒ A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and to execute contracts.

Yes ☐ A copy of the cooperation agreement(s) (for projects involving more than one subdivision or district).
N/A ☒

Yes ☐ Copies of all invoices and warrants for those items identified as "prepaid" in section 4.4 of this
N/A ☒ application.

County of Hamilton

WILLIAM W. BRAYSHAW, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING

138 EAST COURT STREET

CINCINNATI, OHIO 45202-1258

PHONE (513) 632-8523

FAX (513) 723-9748

CONSTRUCTION COSTS:

The opinion of Project Construction Costs is based on current unit price experience and is subject to adjustment upon completion of detailed plans and receipt of an acceptable proposal by a qualified contractor.

STATEMENT OF USEFUL LIFE:

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the Loveland-Madeira Road Rehabilitation will have a useful life of at least 15 years.

William W. Brayshaw

WILLIAM W. BRAYSHAW, P.E., P.S.
HAMILTON COUNTY ENGINEER

OVERLAND-MADEIRA ROAD REHABILITATION
 NG. EST.: \$324,290

ENGINEER'S
 ESTIMATE

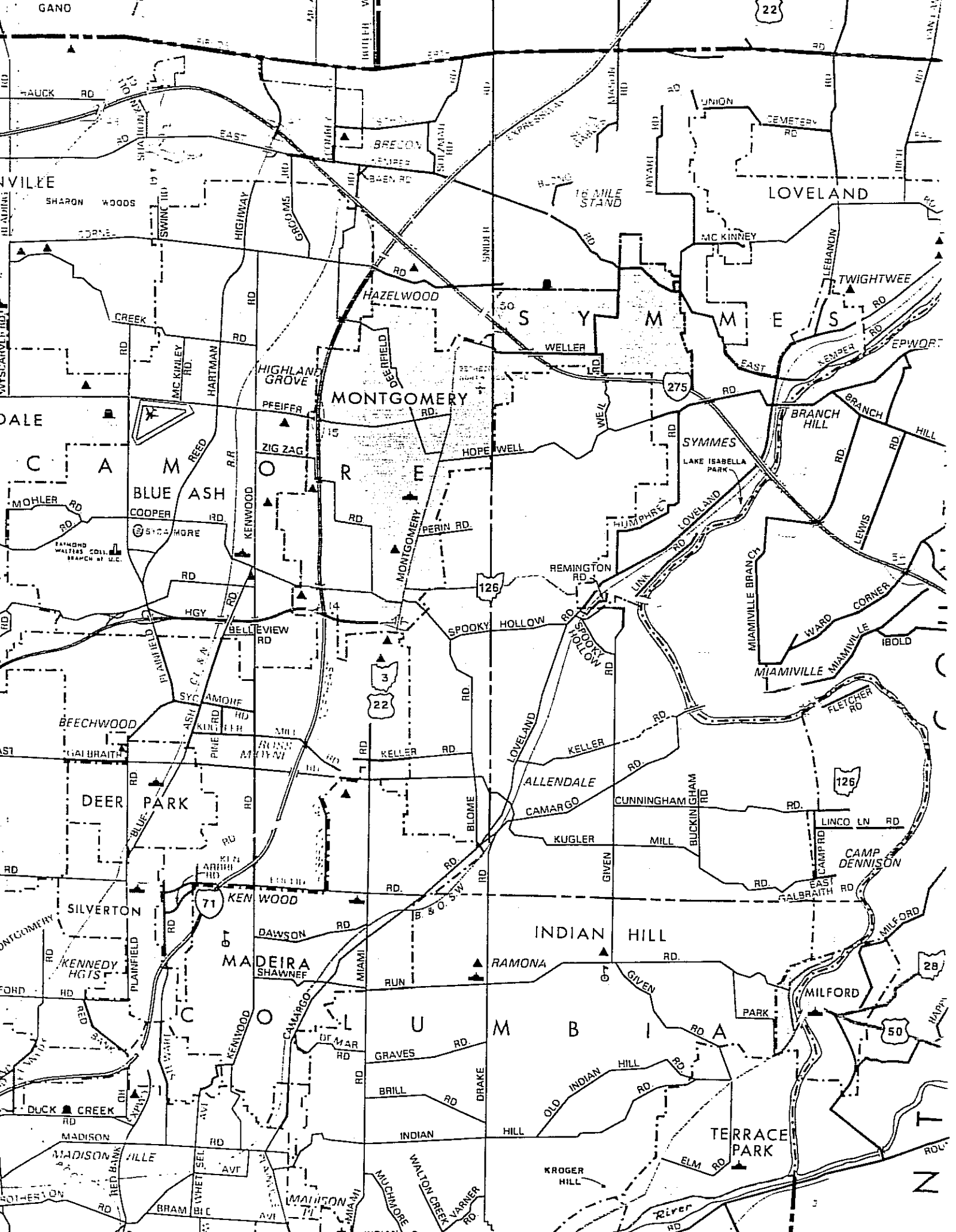
ITEM NO.	DESCRIPTION	UNIT	QUANT	UNIT	TOTAL
253	PAVEMENT REPAIR	CY	50	80.00	4000.00
254	PAVEMENT PLANING	SY	45333	0.93	42159.69
301	BITUMINOUS AGGREGATE BASE	CY	20	50.00	1000.00
402	ASPHALT CONCRETE, AC-20	CY	2189	50.00	109450.00
404	ASPHALT CONCRETE, AC-20	CY	2189	50.00	109450.00
604	ADJUST STORM MANHOLE TO GRADE	EA	3	100.00	300.00
604	ADJUST CATCH BASIN TO GRADE	EA	10	200.00	2000.00
609	ASPHALT CURB, TYPE 1	LF	7500	5.00	37500.00
614	MAINTAINING TRAFFIC	LS	1	2500.00	2500.00
1125	VALVE BOX RESET	EA	2	150.00	300.00
SPL	BERM PER DETAIL W/301	CY	50	40.00	2000.00
SPL	BERM EXCAVATION	LF	300	0.50	150.00
SPL	DRIVEWAY ADJUSTMENT	SF	250	1.00	250.00
SPL	BUTT JOINTS	LF	100	9.00	900.00
SPL	MAILBOX RELOCATED	EA	10	100.00	1000.00

SUPPLEMENTAL ITEMS

*253	PAVEMENT REPAIR	CY	5	80.00	400.00
*254	PAVEMENT PLANING	SY	1000	0.93	930.00
*402	ASPHALT CONCRETE, AC-20	CY	100	50.00	5000.00
*404	ASPHALT CONCRETE, AC-20	CY	100	50.00	5000.00

UNOFFICIAL BID TOTALS:

\$324,289.69



RESOLUTION APPOINTING REPRESENTATIVE TO THE DISTRICT
INTEGRATING COMMITTEE UNDER THE PROVISIONS OF HB 704
OHIO INFRASTRUCTURE BOND PROGRAM

COMPS MIN.
VOL. 245
MAR 25 1992
IMAGE 3892

BY THE BOARD:

WHEREAS, HB 704 was enacted to establish nineteen District Integrating Committees throughout the State of Ohio; and

WHEREAS, Hamilton County comprises District #2 under the provision of HB 704 consisting of a nine member District Integrating committee; and

WHEREAS, the Board of County Commissioners appoint two members to the District Integrating Committee (one from the private sector and the other either a County Commissioner or the County Engineer); and

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WHEREAS, Donald C. Schramm, the Board's County Engineer representative will submit his resignation as Hamilton County Engineer effective March 27, 1992 effective 4:00 p.m.; and

WHEREAS, Mr. Donald C. Schramm, was appointed to the position of Chief Executive Officer for the Political Subdivision of Hamilton County, District #2 Integrating Committee in accordance with the provisions of HB 704; and

WHEREAS, the Board does not wish to have a vacancy on this Committee;

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Hamilton County, Ohio, that from and after 4:00 p.m. on March 27, 1992, William W. Brayshaw be and he hereby is appointed for the unexpired three year term of Donald C. Schramm, said term to expire on June 1, 1994; and

BE IT FURTHER RESOLVED that William W. Brayshaw be and he hereby is also appointed to the position of Chief Executive Officer for the Political Subdivision of Hamilton County, District #2 Integrating Committee to replace Donald C. Schramm.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 25th day of March, 1992.

Mr. Chabot. AYE


Mr. Dowlin. AYE

Mr. Guckenberger. AYE

CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of a resolution adopted by the Board of County Commissioners in session the 25th day of March, 1992.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Board of County Commissioners of Hamilton County, Ohio, this 25th day of March, 1992.


Angela Ditzel, Clerk
Board of County Commissioners
Hamilton County, Ohio

November 4, 1992

STATUS OF FUNDS REPORT


Project: Loveland-Madeira Road Rehabilitation

This is to certify that the sum of \$32,429.00 is available as the local matching funds in connection with Hamilton County's application for State Issue II Funds for the above mentioned project.

The source of the local match will be Hamilton County funds. Local matching funds will be encumbered and certified upon completion of the Project Agreement with the Ohio Public Works Commission.

HAMILTON COUNTY

Chief Executive Officer:


William W. Brayshaw, P.E., P.S.
Hamilton County Engineer

Chief Financial Officer:


Dusty Rhodes
Hamilton County Auditor

ADDITIONAL SUPPORT INFORMATION

For Fiscal Year 1994 (July 1, 1993 through June 30, 1994), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

- 1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed _____ Poor X
Fair _____ Good _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

The surface of the road has deteriorated due to various base failures and poor drainage. The road lacks a crown for proper drainage. The riding surface of the road is rough and has potholes in places. Poor drainage causes icing in winter months.

- 2) If State Issue 2 funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1993) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

 2 weeks/months (Circle one)

Are preliminary plans or engineering completed? Yes No
Are detailed construction plans completed? Yes No
Are all right-of-way and easements acquired? Yes No N/A
Are all utility coordinations completed? Yes No N/A

Give an estimate of time, in weeks or months, to complete any item above not yet completed. 3 weeks/months

- 3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, and commerce.) Please be specific and provide documentation if necessary to substantiate the data.

The proposed project will give a smooth riding surface for the travelling public as well as improve emergency response time and better facilitate drainage problems now encountered.

- 4) What type of funds are to be utilized for the local share for this project?

Federal	_____	ODOT	_____	Local	<u>X</u>
MRF	_____	OWDA	_____	CD	_____
Other	_____				

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1992 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

10 %

- 5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ Partial Ban _____ No Ban X

Will the ban be removed after the project is completed?

Yes _____ No _____

- 6) What is the total number of existing users that will benefit as a result of the proposed project?

ADT = 14,000 x 1.2 = 16,800 users per day.

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4.

- 7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164? (This must be included with the application to be considered for funding.)

Yes X No

- 8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

Loveland-Madeira Road connects the City of Loveland to the
City of Indian Hill Village. Many motorists use this road
to avoid I-71. It is a major link in eastern Hamilton
County.

STATE ISSUE 2 PROGRAM - ROUND 6

LTIP PROGRAM - ROUND 5

FISCAL YEAR 1994 PROJECT SELECTION CRITERIA - JULY 1, 1993 TO JUNE 30, 1994

ADOPTED BY THE DISTRICT 2 INTEGRATING COMMITTEE JULY 17, 1992

AMENDED BY THE DISTRICT 2 INTEGRATING COMMITTEE SEPTEMBER 18, 1992

JURISDICTION/AGENCY: HAMILTON COUNTY

NAME OF PROJECT: LOVELAND- MADEIRA ROAD REHAB

TOTAL POINTS FOR THIS PROJECT: 42

NO. POINTS

- 10 1) If Issue 2/LTIP Funds are granted, when would the construction contract be awarded? (The Support Staff will assign points based on engineering experience.)
- 10 Points - Will be under contract by end of 1993
 - 5 Points - Will be under contract by March 30, 1994
 - 0 Points - Will not be under contract by March 30, 1994
- 12 2) What is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.
- 20 Points - Poor Condition
 - 16 Points -
 - 12 Points - Fair to Poor Condition
 - 8 Points -
 - 4 Points - Fair Condition

NOTE: If the infrastructure is in "good" or better condition it will NOT be considered for Issue 2/LTIP funding, unless it is a betterment project that will improve serviceability.

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- 3) If the project is built, what will be its effect on the facility's serviceability?

- 10 Points - Significant effect (e.g., widen to and add lanes along entire project)
- 8 Points - Moderate to significant effect
- 6 Points - Moderate effect (e.g., widen exist. lanes)
- 4 Points - Moderate to little effect
- 2 Points - Little or no effect (e.g., street or bridge deck rehabilitation)

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- 4) How important is the project to HEALTH, SAFETY, AND WELFARE of the public and the citizens of the District and/or service area?

- 10 Points - Highly significant importance, with substantial impact on all 3 factors
- 8 Points - Considerably significant importance, with substantial impact on 2 factors OR noticeable impact on all 3 factors
- 6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors
- 4 Points - Minimal importance, with noticeable impact on 1 factor
- 2 Points - No measurable impact

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- 5) What is the overall economic health of the jurisdiction?

- 10 Points - Poor
- 8 Points -
- 6 Points - Fair
- 4 Points -
- 2 Points - Excellent

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- 6) What matching funds are being committed to the project, expressed as a percentage of the TOTAL CONSTRUCTION COST? Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

- 5 Points - 50% or more
- 4 Points - 40% to 49.99%
- 3 Points - 30% to 39.99%
- 2 Points - 20% to 29.99%
- 1 Point - 10% to 19.99%

- 0 7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.

5 Points - Complete or significant ban
3 Points - Partial or moderate ban
0 Points - No ban of any kind

- 5 8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for roads and bridges, but only when certifiable ridership figures are provided.

5 Points - 10,000 or more
4 Points - 7,500 to 9,999
3 Points - 5,000 to 7,499
2 Points - 2,500 to 4,999
1 Point - 2,499 and under

- 5 9) Does the infrastructure have REGIONAL impact? Consider origins and destinations of traffic, functional classification, size of service area, number of jurisdictions served, etc.

5 Points - Major impact (e.g., major multi-jurisdictional route, primary feed route to an Interstate, Federal - Aid Primary routes)
4 Points -
3 Points - Moderate impact (e.g., principal thoroughfares, Federal - Aid Urban routes)
2 Points -
1 Point - Minimal or no impact (e.g., cul-de-sacs, subdivision streets)

- 1 10) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure?

2 Points - Two of the above
1 Point - One of the above
0 Points - None of the above

ADDENDUM TO THE RATING SYSTEM DEFINITIONS

CRITERION 2 - CONDITION

Poor - Condition is dangerous, unsafe or unusable

Fair to Poor - Condition is inadequate or substandard

Fair - Condition is average, not good or poor

CRITERION 5 - ECONOMIC HEALTH

The following factors are used to determine economic health:

- 1) Median per capita income
- 2) Per capita assessed valuation of the total community real estate and personal property
- 3) Poverty indicators
- 4) Effective tax rates
- 5) Total corporate debt as a percentage of assessed valuation
- 6) Municipal revenues and expenditures per capita

CRITERION 9 - REGIONAL IMPACT

- | | |
|-------------------|--|
| Major impact - | Primary water or sewer main serving an entire system |
| Moderate impact - | Waterline or storm sewer serving only part of a system |
| Minimal impact - | Individual waterline or storm sewer not part of a system |